PolyU Faculty of
Construction and Environment

THE HONG KONG POLYTECHNIC UNIVERSITY
香港理工大學

Faculty of Construction and Environment
建設及環境學院

BUILD A SMART CITY COMPETITION 2026



The Faculty of Construction and Environment invites secondary school students to participate in the "PolyU FCE Build a Smart City Competition 2026." This exciting opportunity encourages students to develop innovative solutions for transforming Hong Kong into a Smart City through workshops, demonstrations, lab visits, and discussions with esteemed researchers and members from our departments, deepening your understanding of Smart City concepts while contributing to meaningful solutions. Don't miss your chance to be part of this transformative experience!

Five Projects

- **Designing a Smart Architecture with Innovative Building Technology and Materials**
- **Build a Smart & Sustainable North**
- **Surveying the Future: A Smart Solution for "Double Ageing"**
- **Smart Sustainable Campus Hackathon - Unlocking Innovation through Carbon-Neutral Vision**
- **Spatial Data Challenge in Smart City**

Each team will be assigned to **ONE project only**. Please prioritise the five projects in your application form[#]; assignment will be based on your ranked preferences[*].

[#]The application form can be found on the event webpage.

[*]The Faculty will try to assign teams to their first or second choice. Due to the capacity of each project, drawing lots may be used to decide on the grouping arrangement.

Eligibility

- S.4 – S.5/ Grade 10 – 11/ Year 11 – 12 students in 2025/26 academic year
- Each participating team should consist of 3 - 5 students endorsed by their secondary school
- Each team is welcome to engage a teacher advisor from the respective secondary school

Prizes

Champion, First Runner-Up, Second Runner-Up and Merit Award(s) will be chosen for **each project**.

Champion	**Cash Prize HK$15,000**
First Runner-up	**Cash Prize HK$11,000**
Second Runner-up	**Cash Prize HK$7,000**
Merit*	**Cash Prize HK$3,000**

**Up to 3 Merit Awards will be selected for each project*

Key Dates

9 March 2026	Open for Application
13 April 2026	Application Deadline
29 May 2026	Confirmation of Successful Applications
22 June 2026	Online Briefing Session
26 June & 3 July 2026	2-day Workshop
14 August 2026	Presentation Day
October 2026 (Info Day)	Award Presentation Ceremony

**Please refer to the website for details about the 2-day workshop*

Supporting Organisations

ASHRAE Hong Kong Chapter · BSOMES Building Services Operation and Maintenance Executives Society 屋宇設備運行及維修行政人員學會 · CIPHE The Chartered Institute of Plumbing and Heating Engineering 英國特許水務工程師學會 Hong Kong Branch 香港分會 · CIBSE Hong Kong · 空間數據共享平台 Common Spatial Data Infrastructure · 地理空間實驗室 Geospatial Lab · 香港建築師學會 The Hong Kong Institute of Architects · HKIE The Hong Kong Institution of Engineers 香港工程師學會 Building Services Division 屋宇裝備分部 · HKIE The Hong Kong Institution of Engineers 香港工程師學會 Environmental Division 環境分部 · The Hong Kong Institute of Surveyors 香港測量師學會 · HKIUD 香港城市設計學會 Hong Kong Institute of Urban Design · RICS · SCC 智慧城市聯盟 Smart City Consortium 10th year Anniversary · soe engineering success soe hong kong region 營運工程師學會 香港分會 · 市區重建局 Urban Renewal Authority

3400 8496 · fce.promotion@polyu.edu.hk · https://polyu.hk/AuxoU